SOKHADZE, Ye.V.; SCKHADZE, M.Ye.

Botanico-geographical features of the limestone Massifs of Migariya and Gaucha (Megreliya). Trudy Inst. geog. AN Gruz. SSR 20:105-118 '64. (MIRA 18:5)

SOKHADZE, Ye.V.; SOKHADZE, M.Ye.

Phytogeographical characteristics of the mountain part of the limestone belt of western Georgia. Biul.MOIP.Otd.biol. 69 no.2:121-129 Mr-Ap '64. (MIRA 17:4)

SOKHAN', Lidiya Vasil'yevna; SIL'CHENKO, Zinaida Aleksandrovna [Sil'chenko, Z.O.]; OSTRYANIN, D.Kh.[Ostrianyn, D.Kh.], otv. red.; KUCHER, V.I., red.; MATVIICHUK, O.O., tekhn.red.

[Technological progress and the worker; the formation of a new type of worker in the process of the building of communism] Tekhnichnyi progres i robitnyk; formuvannia pratsivnyka novoho typu v protsesi komunistychnoho budivnytstva.

Kyiv. Vyd-vo AN URSR, 1963. 161 p. (MIRA 16:10)

1. Chlen-korrespondent AN Ukr.SSR (for Ostryanin).

(Labor and laboring classes) (Communism)

ZAYTSEVA, A.F.; KAGANOVICH, G.A.; SOKHANEVA, M.M.; SHVARTS, N.I.

Treatment of peptic ulcer of the stomach and duodenum with hexonium. Sov.med. no.3:16-20 162. (MIRA 15:5)

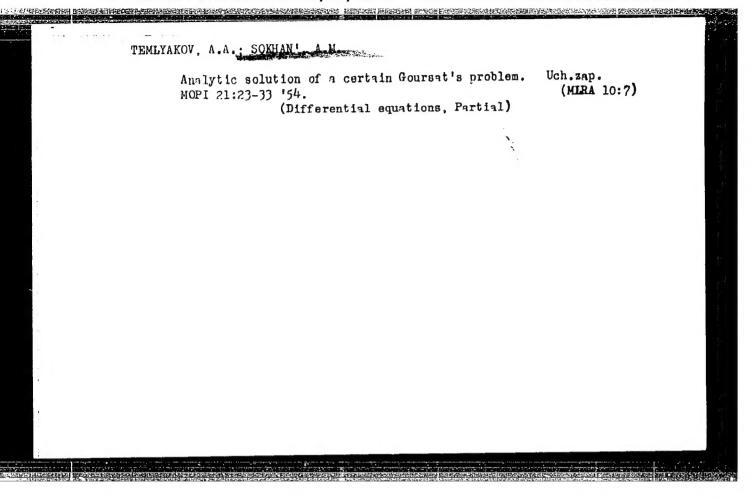
1. Iz terapevticheskogo otdeleniya (zav. - prof. N.I. Shvarts) i 2-y Gorodskoy bol'nitsy (glavnyy vrach B.V. Goyev), Leningrad. (PEPTIC ULCER) (HEXONIUM)

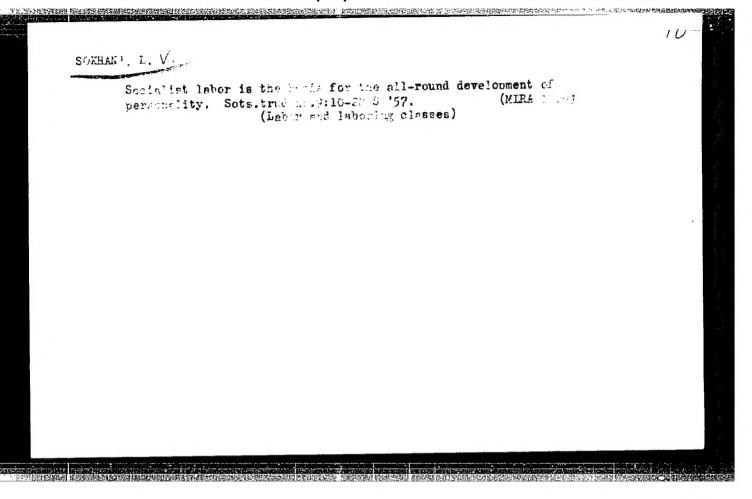
GRDZELYAN, R.; SOKHAKYAN, R.

Transfer of 110 kv. electric power transmission lines to 154 kv. Prom.Arm. 5 no.8:49-54 Ag '62. (MIRA 15:8)

1. Armyanskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta elektromekhaniki.

(Armenia---Electric networks)





SOKHAN', L.

Party organizations in the struggle for technical progress ("Technology and people." Reviewed by L.Sokhan'). Sots.trud no.12:147-150 D '58. (MIRA 13:4)

(Kharkov-Machinery industry)
(Kharkov-Efficiency, Industrial)

SOKHAN', Lidiya Vasil'yevna, kand.filosof.nauk; NIKITIN, P.A., red.; KOLBANOVSKIY, V.V., red.; ATROSHCHENKO, L.Ye., tekhn.red.

[People of inspiring work] Liudi vdokhnovennogo truda. Moskva, Izd-vo "Znanie," 1960. 29 p. (Vsosoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser.2, Filosofiia, no.20). (MIRA 13:7)

(Efficiency, Industrial)

GEL'D, P.V.; SEREBHENNIKOV, N.N.; SOKHAREV, P.M.

Thermal expansion of silicon and its iron alleys. Fiz.met.i metalloved.
(MIRA 9:9)

1.Ural'skiy politekhnicheskiy institut imeni S.M.Kireva.
(Silicon crystals) (Expansion (Heat))

"Investigation of the Properties of Thin-Sectioned Slag-Portland Cement Produced in Vibromills," Cand TechSci, Technical Administration, All-Union Sci Res Inst of Glass, Moscow, 1955. (EL, No 12, Mar 55)

So: Sun. No 070, 29 Sept 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

Chemical Products and Their Application -- Silicates. USSR/Chemical Technology.

Glass. Ceramics. Binders, I-9

Referat Zhur - Khimiya, No 2, 1957, 5302 Abst Journal:

> Budnikov, P. P., Sokhatskaya, G. A. Author:

Institution: State All-Union Scientific Research Institute of Cement Industry

Title: Properties of Superfinely Ground Slag-Portland Cement

Original

Publication: Tr. Gos. Vses. n.-i. in-ta tsement. prom-sti, 1956, No 9, 3-50

Abstract: Superfine grinding (particles < 3 \mu 65-85\%, specific surface, deter-

mined with Deryagin surface-meter, ~25,000 cm2/g) increases the hydraulic activity of slag-Portland cements (S), prepared with acidic, low basicity and basic slag. Relative increase in strength is considerably higher during the early periods of hardening (1.3 and 7 days). In tests of 1:3 mortars of high consistency, compression strength at the age of one day was as high as 415 kg/cm2, and cf 3 days -- up to 458 kg/cm2. Relative increase in activity on superfine grinding is greater in the case of S prepared with low-activity

Card 1/2

USSR/Chemical Technology. Chemical Products and Their Application -- Silicates. Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5302

concrete made with SGS are higher.

Abstract: slag, than in the case of S prepared with active basic slag. Superfinely ground S (SGS) show shorter setting time. Optimal gypsum content of SGS is 5-7%. Strength of SGS is higher following a combined grinding of the components, than on grinding them separately and combining them thereafter. Heat of hardening of SGS is higher than that of conventionally ground S. Strength of concrete made with SGS is greater by 50-155%, than that of concrete made with conventionally ground S, at the same water/cement ratios. Water requirements of

Card 2/2

SOKHATSKAYA, G.A., kandidat tekhnicheskikh nauk; SALOMATINA, Yu.F., kandidat tekhnicheskikh nauk.

Experience of the "Komsomolets" cement factory in increasing the durability of rotary kiln linings. TSement 23 no.2:13-18 Mr-Ap '57.

(MIRA 10:7)

PIROGOV, A.A.; LEVE, Ye.N.; SOKHATSKAYA, G.A.; SALOMATINA, Yu.F.

Testing the lining of the clinkering zone in rotary klins by unfired products of magnesia concrete, Sbor.nauch.trud. UNIIO no.5:234-253 \*61. (MIRA 15:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov (for Pirogov, Leve). 2. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skiy institut tsementa (for Sokhatskaya, Salomatina).

(Kilns, Rotary) (Magnesia cement)

IL'INA, N.V.; SOKHATSKAYA, C.A.; SHADRINA, M.N.

Service of linings in the clinkering zone. TSement 27 no.6:8-10
(MIRA 15:3)
(Cement Wilns) (Refractory materials)

IL'INA, N.V.; SOKHATSKAYA, G.A.; SHADRINA, M.N.; TISHKOVA, K.S.

Analysis of the stability of linings of rotary kilns. TSement 28 no.6: (MIRA 15:12)

1. Cosudarstvennyy institut po ptoyektirovaniyu predpriyatiy i nauchno-issledovatel'skim rabotam tsementnoy promyshlennosti i Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skiy institut tsementnoy promyshlennosti.

(Kilns, Rotary) (Refractory materials)

IL'INA, N.V.; SOKHATSKAYA, G.A.; SHADRINA, M.N.; TISHKOVA, K.S.

Durability of lining of rotary kilns in 1962. TSement 29 no.5:9-11 S-0 '63. (MIRA 16:11)

1. Gosudarstvennyy vsesoyuznyy institut po proyektirovaniyu i nauchno-issledovatel'skim rabotam tsementnoy promyshlennosti i Vsesoyuznyy gosudarstvennyy nauchno-issledovatel'skiy institut tsementnoy promyshlennosti.

BUDNIKOV, P.P.; SOKHATSKAYA, G.A.; SHUBIN, V.I.

Insulating the refractory lining in the clinkering zone of rotary cement kilns. Ogneupory 29 no.11:508-513 \*64. (MIRA 18:1)

1. Gosudarstvennyy vsesoyuznyy nauchno-issledovatel'skiy institut tsementnov promyshlennosti.

IL'INA, N.V., kand.tekhn.nauk; SOKHATSKAYA, G.A., kand.tekhn.nauk; SHADRINA,
M.N., inzh.; TISHKOYA, K.S., inzh.

Durability of brick linings in rotary kilns. TSement 30 no.619-11
(MIRA 18:1)

IL'INA, N.V., kand. khim. nauk.; SOKHATSKAYA, G.A., kand. tekhn. nauk; SHADRINA, M.N., inzh.; KOROLEVA, E.P., inzh.

Durability of the linings of rotary kilns in 1964. TSement 31 no. 6:4-6 N-D '65. (MIRA 18:12)

1. Gosudarstvennyy vsesoyuznyy institut po proyektirovaniyu i nauchno-issledovatel skim rabotan tsementnoy promyshlennosti, Leningrad i Vsesoyuznyy gosudar tvennyy nauchno-issledovatel skiy institut tsementnoy promyshlennosti.

L 1.6602-66 EWP(θ), EWT(m)/T/EWP(t)/ETI IJP(c) JD/WH
ACC NR: A P6012839 (Δ) COVERGE CODE:

**自我和你还是我们也多大大学的政治的企业。这些相信这些结束的发现。由我们的问题是这些** 

SOURCE CODE: UR/0080/66/039/004/0736/0743

AUTHOR: Budnikov, P. P.; Sokhatskaya, G. A.; Kulygin, I. P.

ORG: None

TITLE: Conditions of crystallization and certain properties of electrosmelted cordierite castings

SOURCE: Zhurnal prikladnoy khimii, v. 39, no. 4, 1966, 736-743

TOPIC TAGS: crystallization, aluminum silicate mineral, magnessum compound, metal casting

ABSTRACT: The processes of crystallization and solidification of a magnesium aluminosilicate melt close to cordierite in composition were studied in order to obtain dense cordierite products with predetermined properties. The structure and phase composition of the castings were determined with an MP-3 polarizing microscope and URS-501 x-ray apparatus. Processes of cordierite formation were also followed by measuring the thermal expansion coefficient. In addition, the castings were subjected to thermal and physicomechanical tests. It was found that the properties of the final crystallization product can be varied by changing the conditions of crystallization and solidification. A product with a given set of properties can be obtained by introducing mineralizers and controlling the average temperature of the surface of the casting during the solidification stage. High-strength heat-stable magnesium

Card 1/2

UDC: 666.9+542.65

VAZHENIN, N., nachal'nik (Kiyev); SOKHATSKIY, V., predsedatel' (Tashkent); POROSHIN, V., zamestitel' predsedatelya (Novosibirsk); KLAZ, I., instruktor; CHISTYAKOV, I., predsedatel' (Taganrog).

All-Union Military Games of primary organizations of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Voen.znan. 29 no.9: 2 of cover S '53. (MLRA 6:12)

1. Otdel orgmassovoy raboty i propagandy orgkomiteta Vsesoyuznogo obshchestva sodeystviya aviatsii Ukrainskoy SSR (for Vazhenin). 2. Orgkomitet Vsesoyuznogo obshchestva sodeystviya aviatsii Uzbekskoy SSR (for Sokhatskiy) 3. Oblastnyy orgkomitet Vsesoyuznogo obshchestva sodeystviya aviatsii (for Poroshin). 4. Minskiy oblastnyy orgkomitet Vsesoyuznogo obshchestva sodeystviya aviatsii (for Klaz). 5. Komitet pervichnoy organizatsii Vsesoyuznogo obshchestva sodeystviya aviatsii (for Chistyakov).

(Military education)

### SOKHATSKIY, V.

On roads to reorganization. Voen.znan.31 no.4:6 Ap 55. (MIRA 8:10)

1. Predsedatel' respublikanskogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu <sup>U</sup>zbekskoy SSR

(Uzbekistan--Military education)



Let's meet the national celebration in a proper manner. Voen. znan. 33 no.10:12 0 '57. (MIRA 10:11)

1. Predsedatel respublikanskogo komiteta Dobrovol nogo obshchestva sodeystviya armii, aviatsii i flotu UzSSR.

(Tashkent--Military education)

SOKANISHILL V.

85-58-5-23/38

AUTHOR: Sokhatskiy, V., Chairman DOSAAF Republic Committee, Uzbekskaya SSR (Tashkent)

TIME: Develop Aviation Sports! (Razvivat' aviatsionnyy sport!)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 5, pp 17-18 (USSR)

ABSTRACT: The author refers to the decisions of the 4th All-Union USSR DOSAAF Congress, which stressed the need for improving the management of all types of aviation sports and raising training standards. In Uzbekistan, 1506 trainees met the standard requirements in parachute jumping, gliding, pilotage, and modelairplane building in 1957, and more than 6,000 teams of modelairplane builders were training throughout the Republic as a direct result of annual grants made by the Uzbekskaya SSSR Ministry of Education to promote local competitions in aviation sports. In 1957, the Tashkent Aeroclub arranged numerous lectures and excursions to the club; it also conducted courses in various fields of aviation. In 1958, the Club's instructors and sportsmen trained teams in more than 60 primary DOSAAF organizations in Tashkent and Tashkent Oblast. In January and February 1958, the Presidium of the DOSAAF Republic Committee

Card 1/3

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85-58-5-23/38

Develop Aviation Sports:

called monthly meetings of senior inspector-pilots of its oblast committees to study the training program of public instructors in gliding and to learn the basic principles of model-airplane building and parachute jumping. These inspector-pilots are already training other instructors in gliding in their respective localities. The large Uzbekistan DOSAAF organization has, however, only one aeroclub (Tashkent), while at least two more are needed in Samarkand and in one of the large industrial centers of the Fergana valley. The lack of parachute towers handicaps training throughout the Republic, but the construction of towers is planned in the near future at Chirchik, Namangan, Fergana, and Samarkand. Personalities mentioned are DOSAAF parachute instructor-pilots Ivan Karnyukhin, V. Ponomarev, D. Zabelin, I. Zhuravlev, Masters of Sports and pilot Yuriy Yudin, USSR Champion in all-around aviation sports, who in recent years have trained more than 1,500 parachutists in Bukhara, Samarkand, Fergana, Andizhan, Karshi and Chirchik. Uzbekistan DOSAAF Committees and organizations intend to meet the challenge

card 2/3

85-58-5-23/38

Develop Aviation Sports!

posed by the All-Union Komsomol and Young People's Spartacus Games in quasi-military types of sports. The council of the Tashkent Aeroclub is organizing training sessions to aid competitions in various types of aviation sports, on the eve of contests held in all fields on a Republic level. There are 2 photographs, one of which shows pilot Yudin.

ASSOCIATION: Republikanskiy komitet DOSAAF Uzbekskoy SSR (Republic DOSAAF Committee, Uzbekskaya SSR)

AVAILABLE: Library of Congress

Card 3/3 1. Aviation - USSR 2. Parachute jumping - Training

3. Airplanes - Mcdels 4. Gliders

Visiting our Bulgarian friends. Voen. snan. 34 no.12:13 D '58.

(MIRA 12:2)

1. Chlen prezidiuma TSentral'nogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu SSSR.

(Bulgaria---Military education)

05396 SOV/107-59-8-16/49

AUTHOR:

Sokhatskiy, V., Chairman

TITLE:

Fulfilling the Decisions of the Fourth DOSAAF Congress

PERIODICAL: Radio, 1959, Nr 8, pp 20 - 21 (USSR)

ABSTRACT:

This article deals with the activities of radio amateur clubs in Uzbekistan. The radio clubs of Tashkent, Samarkand and Fergana are foremost in disseminating knowledge on radio engineering among the population. Their members are not only successful radio amateurs, but they have received various prizes in exhibitions of equipment designed by them. However, the activities of the radio clubs in Yangi-Yul, Izbaskent (Andizhanskaya oblast') are not supported by the local DOSAAF organizations. The author states that more talented youth may be attracted to participate in the work of radio clubs, if the DOSAAF organizations provided the required facilities. There

Card 1/2

05396 SOV/107-59-8-16/49

Fulfilling the Decisions of the Fourth DOSAAF Congress is 1 photograph.

ASSOCIATION: Respublikanskiy komitet DOSAAF UzSSR (Republic DOSAAF Committee of the UzSSR).

Card 2/2

SOKHATSKIY. V

Disseminating and propagating the best of aquired military experience. Voen. znan. 35 no.5:22-23 My '59. (MIRA 12:12)

1. Predsedatel' respublikanskogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu Uzbekskoy SSR.

(Uzbekistan--Military education)

### SOKHATSKIY, V.

Specialists for the national economy. Radio no. 11:14-15 N '60. (MIRA 14:1)

1. Predsedatel' respublikanskogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu UzSSR. (Telecommunication)

SOKHATSKIY, V.

Improve the quality of training for technical personnel.

Voen.znan. 36 no.11:8-9 N'60. (MIRA 13:11)

1. Predsedatel' respublikanskogo komiteta Vsesoyuznogo ordena Krasnogo Znameni dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu Uzbekskoy SSR. (Technical education)

# SOKHATSKIY, V. Finding new powers. Kryl.rod. 11 no.11:9-10 H 150. (MIRA 13:10) 1. Predsedatel' respublikanskogo komiteta Dobrovol'nogo obshchestva po sodeystviyu armii, aviatsii i flotu Uzbekskoy SSR. (Uzbekistan-Aeronautics-Societies, etc.) (Uzbekistan-Aeronautics-Competition)

SOKII	MATSKIY, V.	
	Organizational work determines success. Voen. znan. 38 no.9:18-19 S '62. (MIRA 15:9)	
	1. Predsedatel' respublikanskogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu Uzbekskoy SSR. (Uzbekistan—Military education)	

Sportemen of Uzbekistan. Radic no.7:11-12 Jl '65.

(MIRA 12:9)

1. Fredsedatel' Respublikanskogo komiteta Vsesoyuznogo dohrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu Uzbekskoy SSR.

SOKHATSKIY, V.

Under the flag of the Spartakiada. Kryl. rod. 16 no.1:8
(MIRA 18:3)
Ja '65.

l. Predsedatel' respublikanskogo komiteta Vsesoyuznogo dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu Uzbekistana.

For self-support. Voen. znan. 41 no.1:29-30 Ja '65.

(MIRA 18:2)

1. Predsedatel' respublikanskogo komiteta Vsesoyuznogo dobrovol'nogo obshchestva sodeystviva armii, aviatsii i flotu Uzbekskoy SSR.

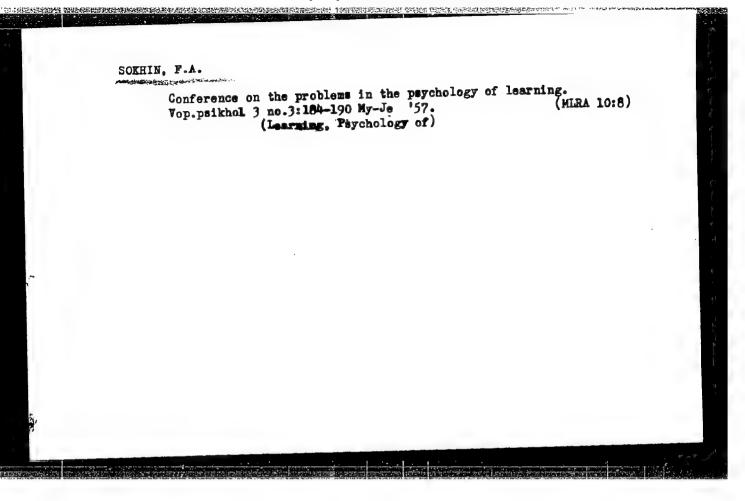
SOKHIN, A.V., doktor tekhnicheskikh nauk; KONOROV, A.V., professor, retsenzent; ZOLOTNITSKIY, N.D., doktor tekhnicheskikh nauk, professor, redaktor; NOVOCHADOV, A.G.; PETROVSKAYA, Ye., tekhnicheskiy redaktor.

[Technology of construction] Tekhnologiia stroitel'nogo proizvodstva. Izd. 2-e, perer. i dop. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1954. 579 p. [Microfilm] (MLRA 7:11) (Building)

SOKHIN, F. A.

SOKHIN, F. A.- "Initial Stages of a Child's Mastery of Structure of Language." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov, Moscow, 1955 (Dissertations for the Degree of Candidate of Pedagogical Sciences)

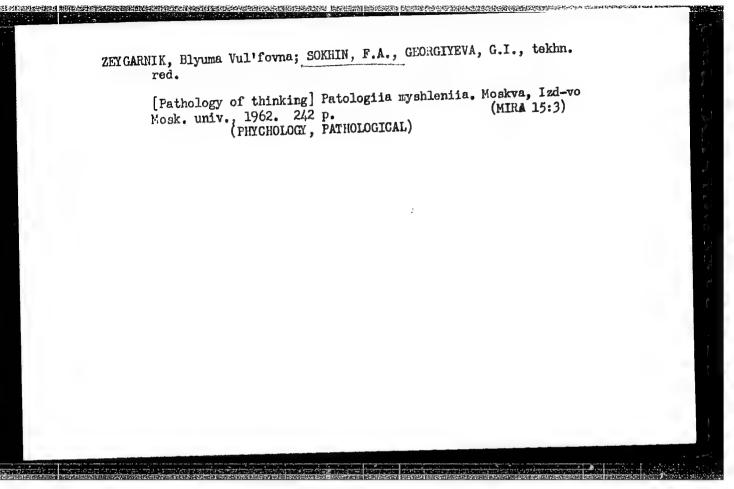
SO: Knizhnaya Letonis' No. 26, June 1955, Moscow



 SOKHIN, F.A.

Formation of linguistic generalizations in the process of development. Vop.psikhol. 5 no.5:112-123 S-0 '59. (MIRA 13:3)

1. Sektor psikhologii Instituta filosofii AN SSSR. (Children--Language)



SOLOV'YEV, I.M., red.; SOKHIN, F.A., red.; NOVOSELOVA, V.V., tekhn. red.

[Mental development of deaf children and those with normal hearing; comparative analysis]O psikhicheskom razvitii glukhikh i normal'no slyshashchikh detei; sravnitel'nyi analiz. Pod red. I.M. Solov'eva. Moskva, Izd-vo APN RSFSR, 1962. 370 p. (MIRA 16:1)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut defektologii.
(CHILDREN, DEAF) (CHILD STUDY)

MATYUSHKIN, A.M.; SOKHIN, F.A.

All-Union Congress on the Philosophical Problems Concerning the Physiology of the Higher Nervous Activity and Psychology. Vop. psikhol. 8 nc.4:172-182 Jl-Ag '62.

(PSYCHOLOGY--CONGRESSES) (NERVOUS SYSTEM)

(PSYCHOLOGY--CONGRESSES)

SOMHIN, I. M. (Captain of the Medical Service)

Capillary Tubes"

"Accelerated Method of Performing the Erythrocyte Sedimentation Test in Inclined

Voyenno-Meditsinskiy Zhurnal, No. 10, October 1961

SOKHIN, I.M., kapitan med.sluzhby

Accelerated method for staging the erythrocyte sedimentation reaction in inclined capillaries. Voen-med.zhur. no.10:91

(ERYTHROCYTES)

(ERYTHROCYTES)

SOKHIN, L. (Khar'kov)

From a school to the district. Porh.delo 4 no.11:25 N '58.

(Fire prevention--Study and teaching)

(Education, Cooperative)

K

BARDYSHEV, A.A., inzh.; VASIL'YEV, V.N., kand. ekon. mauk; VOLKOV,

V.G., inzh.; MIKHAYLOV, B.V., kand. tekhn.nauk; MIKHAYLOV, V.A.,

kand. tekhn. nauk; MIKHAYLOV, V.I., inzh.; PETUNIN, P.I., inzh.;

SAVEL'YEV, N.P., inzh.; SOKHIN, V.G., inzh.; STUGAREV, A.S.,

kand. tekhn. nauk, nauchnyy red.; ZAYCHIKOVA, E.A., red. izd-va;

BOROVNEV, N.K., tekhn. red.

[Production of rock, gravel and sand for construction; present state and prospects for development] Proizwodstvo nerudnykh stroitel'nykh materialov; sostoianie i perspektivy razvitiia. [By]A.A.Bardyshev i dr. Moskva, Gosstroiizdat, 1962. 201 p. (MIRA 16:2)

l. Vsesoyuznyy nauchno-issledovatel'skiy institut nerudnykh stroitel'nykh materialov i gidromekhanizatsii. 2. Vsesoyuznyy nauchno-issledovatel'skiy institut nerudnykh stroitel'nykh materialov i gidromekhanizatsii (for all except Zaychikova, Stugarev, Borovnev).

(Crushed stone industry)
(Sand and gravel industry)

SOKHIN, V.G., inzh.; KASHCHICH, A.M., inzh.

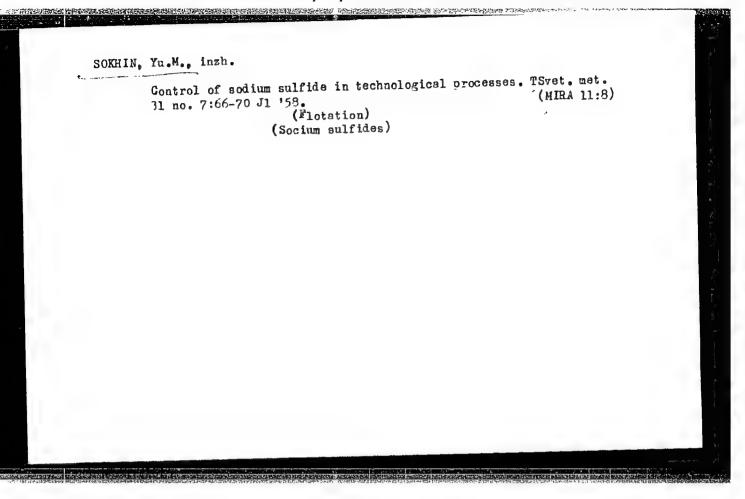
Design of the pickup units of metal locators. Sbor. trud. VNIINerud no.2:112-123 '62. (MIRA 16:3)

l. Vsesoyuznyy nauchno-issledovatel'skiy institut nerudnykh stroitel'nykh materialov i gidromekhanizatsii.
(Metal detectors)

BERSENEV, I.I.; MOROZOVA, V.F.; SALUN, S.A.; SOKOLOVA, P.N.; SOKHIN, V.K.

New data on the stratigraphy of Quaternary alluvial, alluviumlacustrine, and lacustrine deposits in the Maritime Territory and middle Amur Valley. Sov.geol. 5 no.9:78-86 S 62.

> (Maritime Territory--Alluvium) (Amur Valley--Alluvium)



MELIK-STEPANOV, Yu.G.; SOKHIN, Yu.M.; STABIN, I.P.; ROZHKOV, I.S., otv.red.; MAKARENKO, M.G., red.izd-ve; KARPOV, V., tekhn.red.

[New methods of heavy fluid separation and use of magnetic separation in flowsheets for dressing complex ores and placers] O novykh raznovidnostiakh metoda razdeleniia v tiazhelykh sredakh i primenenii magnitnoi separatsii v skhemakh obogashcheniia kompleksnykh rud i rossypei. Moskva, Izd-vo Akad.nauk SSSR, 1960. 35 p. (MIRA 13:8)

MELIK-STEPANOV, Yu.G.; SOKHIN, Yu.M.; TROFIMOV, G.N.

Jigging of ores containing valuable minerals having a specific gravity of 3 - 4. Nauch. soob. IAFAN SSSR no.3:47-49 '60.

(Ore dressing)

(Ore dressing)

S/137/61/000/011/037/123 A060/A101

AUTHORS: Mitrofanov, S. I., Melik-Stepanov, Yu. G., Sokhin, Yu. M., Borisov,

v. v.

TITLE: On a new application of movable heavy media for the concentration of

minerals with specific gravity exceeding three

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 11, 1961, 7, abstract 11650

("Nauchno soobshch. Yakutskiy fil. Sib. otd. AN SSSR", 1960, no. 3,

50 - 61)

TEXT: One of the problems of this work was the finding of the cheapest, but sufficiently efficacious materials for the moving layer. The following ore materials were studied: hematite-magnetite dredge slimes, magnetic fraction of Jigging concentrate - 1 mm, ground up magnetic fraction of the jigging concentrate - 1 mm and even - 1 + 0.5 mm. The best results were obtained with a moving layer of ilmenite-magnetite material. Its high specific gravity of 4.75 makes it possible to vary the specific gravity of the moving layer between wide limits depending on the grist fineness. In course of the investigations the necessary parameters were studied. When the volume of the weighting compound is great then the

Card 1/2

#### "APPROVED FOR RELEASE: 08/25/2000 CIA-R

CIA-RDP86-00513R001651920012-4

S/137/61/000/011/037/123 A060/A101

On a new application of movable heavy media...

vibratory action on the heavy moving medium in "BK" ("VZh") apparatus acts to render it denser and raise its specific gravity to 3.15 - 3.2. An electronic apparatus has been worked out for the control of the specific gravity of the medium, using a capacitance transducer as the density indicator. A semi-industrial installation "VZh-3" has been designed and constructed, and is being tested. The schematic diagrams are given.

A, Shmeleva

[Abstracter's note: Complete translation]

Card 2/2

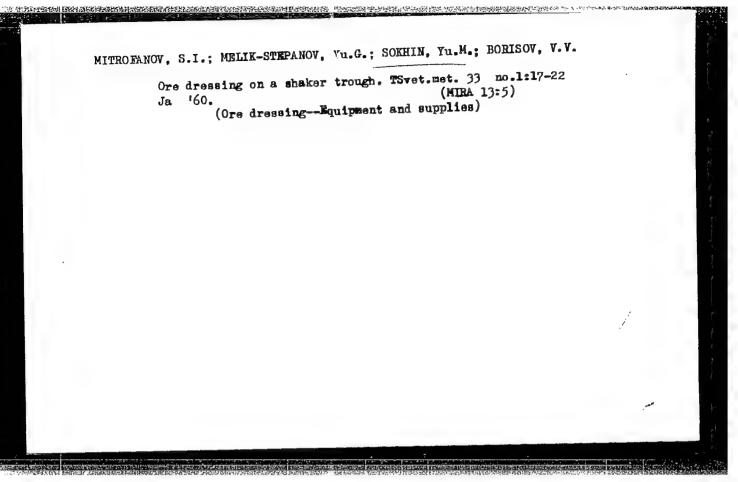
MELIK-STEPANOV, Yu.G.; SOKHIN, Yu.M.; ZASKEVICH, M.V.

Practice of treating sands of deluvial and eluvial placer deposits.

Nauch.soob.IAFAN SSSR no.4:36-93 160.

(Yakutia—Ore dressing)

(Yakutia—Ore dressing)



MELIK-STEPANOV, Yu.G.; SOKHIN, Yu.M.

Problem of dressing highly impregnated dense ores. Nauch.soob.
IAFAN SSSR no.4:94-100 '60. (MIRA 14:12)

(Ore dressing)

PLAKSIN, I.N.; MELIK-STEPANOV, Yu.G.; SOKHIN, Yu.M.; MAKARENKO, M.G., red. izd-va; TIKHOMIROVA, S.G., tekhn. red.

[Dressing ores in heavy media]Obogashchenie rud v tiazhelykh sredakh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 110 p. (MIRA 15:10)

(Ore dressing)

SOKHIN, Yu.M. inch.

Dressing larse-size classes of the cres in heavy media. (zv. pyg.uchev.zav.)gor.zmur. 7 no. 4:163-172 (d. (MISA 17:7)

1. Stbirskoye etdsleniye an SSER, Yakutskiy filial.

YANOVSKAYA, B.I.; BERLYAND, N.S.; RESHETOVA, M.N.; SOKHINA, A.M.

Effect of biomycin on vitamin C metabolism in experimental animals and human subjects. Vop.med.khim. 6 no.4:345-350 Jl-Ag 160. (MIRA 14;3)

1. Research Team under the direction of prof. B.A.Lavrov, Chair of Therapeutics, Central Institute for Postgraduate Medical Training, Moscow.

(ASCORBIC ACID) (AUREOMYCIN)

NIKITINA, V.D.; KHOLCHEV, N.V.; ANDREYEVA, Z.M.; SOKHINA, A.M.; CHERNOKHVOSTOVA, Ye.V.; PLETENEVA, I.L.

Properdin system and its role in infection and immunity. Report No.1: The production of active preparations of zymosan. Zhur. mikrobiol.epid.i immun. 31 no.8:12-19 Ag '60. (MIRA 14:6)

1. Iz Moskovskogo instituta epidemiologii, mikrobiologii i gigiyeny. (POLYSACCHARIDES) (ZYMOSAN) (PROPERDIN)

SOKHINA, A.M.; BIRGER, M.O.

Amino acid consumption by microbes of the family Enterobacteriaceae.

Report No.1. Zhur.mikrobiol., epid. i immun. 32 no.11:82-87 N '61.

(MIRA 14:11)

1. Iz Moskovskogo instituta epidemiologii, mikrobiologii i gigiyeny. (ENTEROBACTERIACEAE) (AMINO ACID METABOLISM)

ACCESSION NE	R: AP5008013 knina, A. M.; Birger	5, 0010, 0,	10 2n
source: Zh  42-no. 3, 1965  TOPIC TAGS: diphtheria, glutamic ac  ABSTRACT: staphyloco investigat difference amino acid	urnal mikrobiologii, 1, 148-52  amino acid, bacte, staphylococcus, ty cid, aspartic acid,  Five groups of path cci, diphtheria, per ed in 15 synthetic managine, dl-alaning aparagine, dl-alaning paragine, dl-alaning para	by various pathogenic bacteria, epidemiologic i immunobiologic ria, bacteriologic culture merphoid, streptococcus, pertuss asparagine, alanine, glycine mogenic bacteria (streptococciatussis, and typhoid bacilli) media to determine amino acid medium contained salts and a mic acid, d-glutamic acid, l-histice, norleucine, tryptophane, norleucine, tryptophane, ce of nitrogen and carbon. Response bacterial groups (2 acid, applicable acid,	dium, is, serin, were utilization single aspartic dine, and

L 42943-65 ACCESSION NR: AP5008013

strains, 4 staphylococci strains, 4 directia strains, 5 pertussis atrains, and 10 typhoid bacilli strains) were incubated with a medium (500 million cells/ml medium) in a test tube at 37° for 24 hrs. Turbidity of bacterial suspensions was measured before and after incubation by an absorptiometer, viability of cells was measured by growth of cell colonies in nutritive media, and degree of amino acid utilization was based on amino acid levels in media before and after incubation. Amino acids in the media were measured quantitatively by a reaction method suggested by V. J. Harding and R. M. MacLean (1916) a reaction method suggested by V. J. Harding and R. M. MacLean (1916) for alanine; 1 ml of 1% nimhydrine and 1 ml of 10% pyridine were added to 1 ml of the medium and heated for 20 min in a water bath at 100°. Intensity of the coloring was measured by a photoelectrocolorimeter. It was established that the various pathogenic bacterial strains utilized only 7 of the 15 amino acids: dl-serin, 1- and d-strains utilized only 7 of the 15 amino acids: dl-serin, and l-asparagiutamic acids, l-aspartic acid, dl-alanine, glycine, and l-asparagine. Of the 5 pathogenic bacterial groups, streptococci did not utilize any amino acids at all. The other 4 groups all utilized l-glutamic acid. Staphylococci, typhoid, and pertussis bacteria used dl-serin and dl-alanine. Typhoid, pertussis, and diphtheria bacteria used l-aspartic acid. Only typhoid and staphylococci bacteria used

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#### CIA-RDP86-00513R001651920012-4 "APPROVED FOR RELEASE: 08/25/2000

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ACCESSION NR: AP5008013

glycine. Only pertussis and diphtheria bacteria used 1-asparagine.
Only pertussis bacteria used d-glutamic acid. Pertussis and typhoid
bacteria not only used more amino acids, but also a greater quantity
of each, whereas staphylococci and diphtheria bacteria used fewer amino acids and lesser quantities of each. Findings show that the differences in amino acid utilization by the various groups of pathogenic bacteria are significant. Orig. art. has: 2 tables and 1 figure.

ASSOCIATION: Moskovskiy institut epidemiologii i mikrobiologii (Moscow Institute of Epidemiology and Microbiology)

29Jan64 SUBMITTED:

ENCL: 00

SUB CODE:

NR REF SOV:

OTHER: 5 002

Card 3/3 \_\_\_\_\_

MARDASHEV, S.R.; SEMINA, L.A.; SOKHINA, A.M.

Amino acid composition of histidine decarboxylase. Biokhimiia 30 no.6:1179-1181 N=D 165. (MIRA 19:1)

1. Laboratoriya enzimologii Instituta biologicheskoy i meditsinskoy khimii AMN SSSR i kafedra biokhimii Pervogo Moskovskogo meditsinskogo instituta, Moskva. Submitted January 21, 1965.

NIKITINA, V.D.; KHOLCHEV, N.V.; CHERNOKHVOSTOVA, Ye.V.; SOKHINA A.M.

Properdin system and its role in infection and immunity.
Report No.4: Preparation of properdin from placental serum.
Zhur. mikrobiol., epid. i immun. 33 no.11:132-137 N '62.

(MIRA 17:1)

1. Iz Moskovskogo instituta epidemiologii i mikrobiologii.

Kin White It.

AUTHORS:

Gel'man, A. D., Sokhina, L. P.

76-3-5-8/39

TITLE:

Oxalate Complexes of Plutonium-(IV) (Oksalatnyye

kompleksnyye soyedineniya plutoniya(IV) )

PERIODICAL:

Zhurnal Neorganicheskoy Khimii, 1958, Vol 3, Nr 5,

pp 1100-1104 (USSR)

ABSTRACT:

The oxalate complexes of plutonium-(IV) in solid phase have been isolated and their properties were examined in

detail.

 $(NH_4)_6$   $[Pu(C_2O_4)_5]$ ,  $Na_4$   $[Pu(C_2O_4)_4]$ .  $5H_2O$  were isolated as

greenish yellow crystals.  $K_4[Pu(C_2O_4)_4].4H_2O$  and  $K_6[Pu(C_2O_4)_5].4H_2O$  were isolated and their existence

proved by the determination of the electric conductivity.

All plutonium compositions are soluble in water, and are stable in

cold and in heat.

By the increase of the  $p_H$ -value of the oxalate complex)

solutions decomposition occurs and hydroxides preciritate

as final products.

Card 1/2

The oxalate solutions of plutonium-(IV) are also

#### CIA-RDP86-00513R001651920012-4 "APPROVED FOR RELEASE: 08/25/2000

Oxalate Complexes of Plutonium-(IV)

78-3-5-8/39

decomposable by strong acidification.

The solid plutonium-(IV) oxalates modify if they are stored in air. This modification is connected with the destroying influence of o -rays upon the oxalate ion. By the influence of  $\alpha$ -rays, the oxalate ion is decomposed into

CO and CO<sub>2</sub>.

There are 6 tables and 3 references, 2 of which are Soviet.

SUBMITTED:

November 15, 1957

AVAILABLE:

Library of Congress

1. Plutonium oxalate-Properties

Card 2/2

6<del>5932</del> 695.32

s/078/60/005/05/05/05/ B004/B016

5.2200(A)

AUTEURS:

Sokhina, L. P., Gellman, A. D.

TITLE:

Decomposition of Complex Oxalate Compounds of Plutonium

Under the Action of Alpha Hadiation

FERIODICAL:

Zhurnal neorganicheskoy khimii, 1960, Vol. 5, No. 5,

pp. 1013-1015

TEXT: The authors found that the exalate complexes of plutonium change their color on storage. They explain this phenomenon by the action of  $\alpha$  -radiation of Pu upon  $c_2 c_4^2$  and investigated the following compounds in order to clarify this effect:  $Fu(C_2O_4)_2 \cdot 6H_2O$  (two modifications),

 $\text{Ne}_4\left[\text{Pu}(\text{C}_2\text{O}_4)_4\right].5\text{H}_2\text{O}$  (two modifications),  $\text{K}_4\left[\text{Pu}(\text{C}_2\text{O}_4)_4\right].4\text{H}_2\text{O}$  (two modifications) cations), and  $(NH_4)_6 \left[ Pu(C_2O_4)_5 \right]$ . These compounds were analyzed after 

Card 1/2

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Decomposition of Complex Oxalate Compounds of Plutonium Under the Action of Alpha Radiation

S/078/60/005/05/05/057 B004/B016

 ${\rm C}_2{\rm O}_A^{2-}$  decomposes in the cold to give CO and  ${\rm CO}_3^{2-}$ . Pu(IV) is reduced to Pu(III) by CO. Only after complete disintegration of  ${\rm C}_2{\rm O}_4^{2-}$  Pu(III) is exidized again to Pu(IV). The end product of the decomposition of the ammonium compound and plutonium exalate is the hydroxycarbonate PuCCO $_3$ .2H $_2{\rm O}$ . The afore-mentioned codium (or potassium) salt decomposes to form a mixture of plutonium-xycarbonate and sodium (or potassium) carbonate. In 1950 the authors together with  $\underline{v}$ . I. Belove measured the magnetic susceptibility of Pu(III) and Pu(IV) exalates and their disintegration products. The data contained in table 3 conform to those found by A. D. Geltman and F. P. Kondrashova for plutonium peroxide. There are 3 tables

SUBMITTED:

and 3 Soviet references.

February 16, 1959

Card 2/2

KAYNARSKIY, I.S.; ORLOVA, I.G.; PROKOPENKO, M.I.; SOKHNA, G.Ye.; YEVDOKIMOV, Yu.P.

Testing of zircon dinas bricks in the arches of steel-smelting arc furnaces. Ogneupory 27 no.2:77-80 '62. (MIRA 15:3)

1. Ukrainskiy nauchno-issledovatel skiy institut ogneuporov for Kaynarskiy, Orlova, Prokopenko). 2. Khar kovskiy traktornyy zavod im. Ordzhonikidze (for Sokha, Yevdokimov).

(Firebrick--Testing) (Electric furnaces)

USSR/Chemistry - Carbon dioxide

FD-3372

Card 1/1

Pub. 50 - 16/20

Authors

: Dyukarev, V. V., Sokhnenko, N. V.

Title

: Generator of the type GSD for the production of carbon dioxide

Periodical

: Khim. prom. No 7, 433, Oct-Nov 1955

Abstract

: Describe a generator of a new type in which carbon dioxide is produced by reacting coke with pure oxygen. The carbon dioxide is used at a plant manufacturing charged water. Two figures.

Institution

: Uralkhimmash [Ural Chemical Machines] Plant

ALEKSEYEV, S.A.; ZHMAKIN, D.F.; KEREKESH, V.V.; MALOV, A.N.;

MARTSINOVSKIY, P.L.; MOLOTOK, A.V.; NESMELOV, V.A.;

TEVEROVSKIY, P.A.; KHISIN, R.I.; DELITSIN, A.A., retsenzent;

SOKHNOVSKIY, M.A., retsenzent; STEFANOV, V.P., retsenzent;

STOROZHEV, M.V., retsenzent; TALANOV, P.I., retsenzent;

FAL'KEVICH, A.S., retsenzent; CHERNUSHEVICH, V.A., retsenzent;

KHISIN, R.I., red.; GAL'TSOV, A.D., red.; VOL'SKIY, V.S., red.;

STRUZHESTRAKH, Ye.I., red.; SEMENOVA, M.M., red. izd-va; MODEL',

B.I., tekhn. red.

[Manual for the establishment of norms in the machinery industry in 4 volumes] Spravochnik normirovshchika-mashinostroitelia v 4 torakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. Vol.3. [Establishing norms for founding, stamping, welding, painting, metal plating, and woodwork] Normirovanie liteinykh, painting, metal plating, and woodwork] Normirovanie liteinykh, kuznechnykh, shtampovochnykh, svarochnykh, lakokrasochnykh rabot, metallopokrytii i derevoobrabotki. 1962. 671 p. (MIRA 15:4)

(Machinery industry-Production standards)

SOKHONIN, M.Ye.; KUZNKTSOV, K.P.

Gunshot wounds of the heart and of the small and large intestines.

(MIRA 9:2)

1. Iz Emitriyevskoy rayonnoy bol'nitsy Kurskoy oblasti.

(HEART--WOUNDS AND INJURIES)

(INTESTINES--WOUNDS AND INJURIES)

SOKHOR, E.

Gas pipeline construction in Czechoslovakia. Stroi.truboprov. 4 no.12:25-27 D 159. (MIRA 13:5)

Glavnyy inzhener natsional nogo predpriyatiya "Plinostav".
 (Czechoslovakia--Gas, Natural--Pipelines)

VIASOVA, K.N.; AHTROPOVA, A.N.; MATKOVSKIY, A.N.; KOSTERNO, Vu.A.;

TASLAVSKIY, N.N.: SAMOCEVALOV, A.V.; SOKHOR, F.T.; HEGHESUV, V.A.
[deceased]

Rapid polymerization of caprolactam. Plast. massy no.8:18-19
(HIRA 17:12)

'64.

SOKHOR, G., SOLOV'YEV, G.; ZEMSKOV, P.

Training of drivers. Za bezop.dvizh. no.3:8-9 Mr '60. (MIRA 13:12)

1. Zamestitel nachal nika avtobazy No.33 tresta Mosavtozheldor (for Sokhor). 2. Zamestitel nachal nika Glavmosavtotransa (for Zemskov).

(Automobile drivers—Education and training)

Annenbeig, E.A.; Mayorova, E.A.; Sokhor, I.M.

Film materials for expansion bellows-type guards. Stan.i instr.
33 no.ll:35-38 N '62. (MIRA 15:11)

(Machine tools—Safety appliances)

BULYGIN, Leonid Pavlovich; SOKHOR, Izabella Naumovna; GORSKIY, B.A., inzh., red.; GVIRTS, V.L., tekhn.red.

[Work practices of the technological laboratory and technological council of the Kalinin District Committee of the CPSU in Leningrad] Opyt raboty tekhnicheskogo kabineta i tekhnicheskogo soveta pri Kalininskom raionnom komitete KPSS g. Leningrada. Leningrad. [MIRA 14:1]

(Leningrad—Technological innovations)

MURAV'YEV, Aleksandr Andreyevich; CHERTETSOV, Vasiliy Nikolayevich; SOKHOR, I.N., red.

[Work of the council of innovators of Leningrad instrument industry workers on the promotion and introduction of advanced production and technical experience] Rabota soveta novatorov leningradskikh priborostroitelei po propagande i vnedreniu peredovogo proizvodstvenno-tekhnicheskogo opyta. Leningrad, 1964. 25 p. (MIRA 17:9)

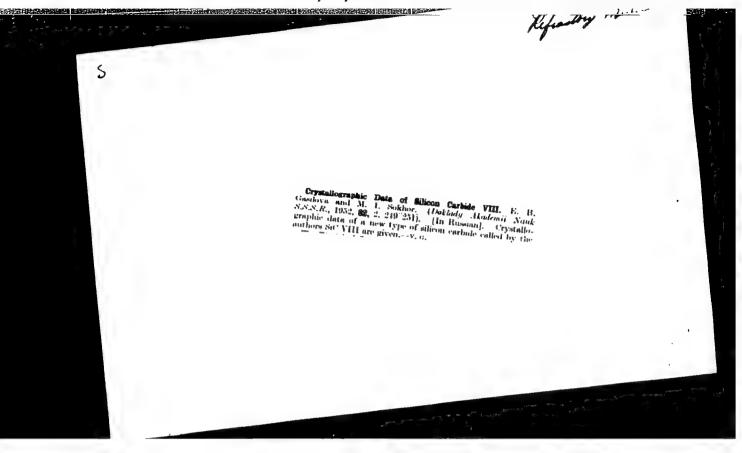
CHUYEV, Aleksey Vasil'yevich; CHERTETSOV, Vasiliy Nikolayevich;
SOKHOR, Izabella Naumovna; BOBKOV, V.A., red.

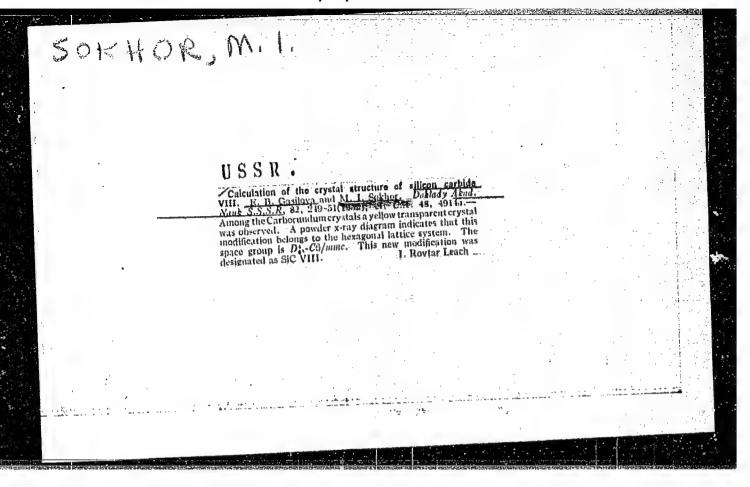
[Work practice of the Leningrad Economic Region Council of Innovators] Opyt raboty sovetov novatorov Leningrad-skogo ekonomicheskogo raiona. Leningrad, 1965. 41 p.

(MIRA 18:5)

SOKHOR, M. I.

Chemical Abst. Vol. 48 No. 9 May 10, 1954 General and Physical Chemistry Determination of the new SiC VII structure. E. B. Gasiloval' M. S. Beletskii, and M. M. S. Selfor. Dokindy Akad. Nauk S.S.S. R. 82, 57-60 (1952); cf. Zuflanov and Minervina, Zhur. Ekspil. Teoret. Fiz. 15 (1945).—All the known SiC modifications have in common  $a_i = 3.08$  A., but c/a depends on the no. of the layers in the structure piled up in direction c. Using Belov's theory of densest-sphere packings, Zhdanov had established a classification of the known modifications of SiC, which explains, e.g., Ott's structure of SiC V with 17 layers, as well as that of SiC VI (c.A. 42, 1099i): SiC I (2.33; SiC II 3.3; SiC III 2.2; SiC IV (4.33; SiC V (2.3.3.3.3; SiC VI (2.3.3.3); 3.5C = 3.0; and Ramsdell's (c.A. 41, 4989c) SiC—87R (3.3.3.3.3.3.3.3.3.3.2). In com. SiC, another modification was observed, called SiC VII, which has a particular powder diagram that is somewhat similar to that of trigonal SiC I and IV, but different from hexagonal SiC II and III. The layers obey the law  $n_e = 3 \times 9$ , with  $d_{k+1} = n_e a \sqrt{(6/(8n_e^2 S + 9P))}$ ;  $S = h^3 + hk + l^3$ , in very good agreement with the exptincts. The translation group is trigonal-rhombohedral, primitive. The discussion of the intensities gives also a complete agreement with the structural principles expressed in the correlations  $h - k \neq 3m$ ; l = 3l, and h - k = 3m;  $l = n_e = 27l$ ; ml = 0.1.2, etc. Space group  $D_{2n}^a = R$   $\overline{3}m$ , and subgroup  $C_{2n}^a = R$   $\overline{3}m$ , with the symbol of spheric packings (2.2.2.3)3. A series of structural types is established expressed by SiC I with  $n_e = 15$ ; SiC VII,  $n_e = 27$ ; 2(2.2.2.2.3)3,  $n_e = 39$ ; (2.2.2.2.2.2.33)3,  $n_e = 51$ . The differences of the  $n_e$  values between these single 1/pes is 2/p.





SOKHOR, M. I.

20-5-32/48

Vert, Zh. L., Kamentsev, M. V. (Deceased), Kudryavtsev, V. I., ATTHORS:

and Sokhor, M. I.

Reduction of Al<sub>2</sub>0<sub>3</sub> by Carbon (K voprosu o vossta-TITLE:

novlenii Al<sub>2</sub>0<sub>3</sub> uglerodom)

Doklady AN SSSR, 1957, Vol. 116, Nr 5, pp. 834 - 837 (USSR) PERIODICAL:

ABSTRACT:

It was noticed by the authors that during the reduction of TiO<sub>2</sub> by carbon in presence of Al<sub>2</sub>O<sub>2</sub> in a atmosphere of Co at 1550° a loss in substance occurred. Apparently Al<sub>2</sub>O<sub>2</sub> entered into the reaction. It is stated that the interaction between Al<sub>2</sub>O<sub>2</sub> and C begins under normal pressure at approximatively 2000°. In the vacuum the temperatures amounted to 1560 and 1750°. The pressure of cuum the temperatures amounted to 1560 and 1750°. The pressure of the gases above the reaction mixture reached 1 atmosphere at 1980°, a fact which agrees well with the above mentioned data. The auth-

ors investigated the interaction between Al203 and C between 1500 and 1900, furthermore the interaction in the mixture Al203-C-TiC,

in order to eliminate the influence of the lower oxides and of the oxycarbide of Ti. The molar relation of the components is given in

table 1. The experimental method and the characteristic of the com-

ponents is given. The experimental results given in figure 1 show

Card 1/4

20-5-32/48

Reduction of Al<sub>2</sub>0<sub>3</sub> by Carbon

consists of corundum, whereas, Y-Al<sub>2</sub>O<sub>3</sub> is a transition form from the hydrooxide forms of alumina to corundum. 3.) Clear lines in the spinel radiogram prove a high degree of the crystallization state of the phase in question. It is stable, is neither in water nor in hydrochloric or sulphuric acid decomposed, nor in cold or by long boiling. Above 1750° a second phase is found which quantity increases with the temperature rise. At 1900° black crystals are formed in the inner which are covered by a light grey crust. It consists to 90% of a hexagonal phase and is very stable, too. It is analogous to the superoxide Al<sub>2</sub>O (reference 6). The progressive reduction of the aluminum oxides agrees with the temperature curve of the oxygen leakage. The structure of the above mentioned black crystals is not yet deciphered up to now. There are 1 figure, 2 tabbs, and 6 references, 2 of which are Slavic.

Card 3/4

EWG(j)/EWT(l)/EWP(e)/EWT(m)/EPF(c)/EWP(i)/EPR/T/EWP(t)/EEC(b)-2/ L 61511-65 EWF(b) Pr-4/Ps-4/Pi-4 IJP(c) JD/WW/GO/WH UR/0070/65/010/003/0418/0421 ACCESSION NR: AP5013722 548.73 Glukhov, V. P. AUTHOR: Sokhor, M. I.; Silicon carbide with a wurtzite structure TITLE: SOURCE: Kristallografiya, v. 10, no. 3, 1965, 418-421 TOFIC TAGS: wurtzite, silicon carbide, crystal structure ABSTRACT: 2H-SiC was detected during the synthesis of silicon nitride. A tablet pressed from silicon powder (95% Si) was placed on a graphite base in the carbon tube of a furnace where it was heat treated in a nitrogen jet as follows: heating to 1400°C and soaking at this temperature for two hours, further heating to 1600°C and soaking at 1600°C for two hours followed by a slow cooling of the sample together with the furnace. After the experiment a greenish, finely dispersed deposit was detected on the surface of the graphite base at some distance from the tablet. X-ra pictures were taken in a Debye chamber with a working diameter of approximately 68 mm using different types of radiation sources: copper, nickel, cobalt, iron and chromium. The test sample was both stationary and rotating. X-ray analysis showed Card 1/2

hat the deposit was fine crystalline silicon carbide. Other phaetected. A detailed analysis showed that the deposit was a rare on carbide 2H-SiC of the wurtzite type similar to the one reporterz, obtained in the same temperature interval 1400-1600°C but erent conditions. Orig. art. has: 2 figures, I table.  SSOCIATION: Vsesoyr-nyy nauchno-issledovatel skiy institut abraniya (All-Union Scientific Research Institute of Abrasives and	ted by Adamsky and under entirely dif-
etected. A detailed analysis showed that the one report on carbide 2H-SiC of the wartzite type similar to the one report erz, obtained in the same temperature interval 1400-1600°C but erz, obtained in the same temperature interval 1400-1600°C but erze conditions. Orig. art. has: 2 figures, I table.	ted by Adamsky and under entirely dif-
on carbide 2H-SiC or the wartzite type interval 1400-1600°C but erz, obtained in the same temperature in the same	arivov i shlifo-
erz, obtained in the same temperature of stable. erent conditions. Orig. art. has: 2 figures, 1 table.	azivov i shlifo-
The second telefort and the second telefort and	azivov i shlifo-
SSOCIATION: Vsesoy: nyy nauchno-issledovatel skiy institut ab-	
	d Polishing)
	B CODE: IC, SS
UBMITTED: 110ct64 ENCL: 00	
CI REF SOV: 003	
되어 아무슨지 않는데 회원들이 시작 학자리를 통해 들었다면요?	
والمرافق والمرافق والمنافق المرافق المرافق والمرافق والمر	生い じまばん スキャー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・

Seattle to, M. M.

BULANOVA, N.K.; KERTSMAN, L.I.; PLISETSKAYA, M.A.; SOKHOR, N.M.

Medical and sanitary services for industrial workers of Leningrad District in Moscow. Zdrav.Ros.Feder. 1 no.6:11-15 Je '57. (MLRA 10:8)

1. Iz sanitarno-epidemiologicheskoy stantsii Leningradskogo rayona Moskvy

(MOSCOW--INDUSTRIAL HYGIENE)

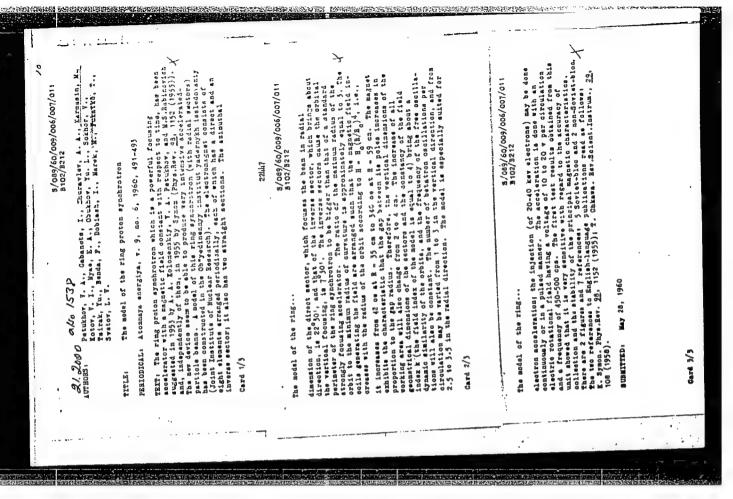
GIPSHEDROVA, Ye.V.; DYASHITS, C.A.; RURAYTIC, C.A.; MARRICH.V, I.1.;
SERROV, S.S.; COHER, R.A.; FILHTOVA, B.B.

Chtaining tanning agents from the phenols of shale tar. Trudy
VNIIT no.13:101-108 '64.

(MIRA 18:2)

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CIA-RDP86-00513R001651920012-4



26780  \$/057/61/031/010/013/015  B111/B112  24/1570  AUTHORS:  Benda, F., Gabanets, I., Dobiash, I., Zhuravlev, A. A.,  Karmasin, M., Kotov, V. I., Marek, M., Myse, E. A., Obukhov,  Yu. L., Petukhov, V. A., Svetov, L. V., Sokhor, V., Fukatko,  T., and Tsirak, Yu.  TITLE:  Annular proton synchrotron with radial sectors  PERIODICAL: Zhurnal tekhnicheskoy fiziki, v. 31, no. 10, 1961, 1253-1261  TEXT: This article describes the model of an annular proton synchrotron with radial sectors, built and put into operation at the Oblyedinennyy  With radial sectors, built and put into operation at the Oblyedinennyy  Long Traditute of Nuclear Research).	4.5	
with radial sectors, built and put into operation and institut yadernykh issledcreniy (Joint Institute of Nuclear Research).  Technical data:  Number of periodicity elements  Azimuthal dimensions of a direct sector  Azimuthal dimensions of an inverse sector  Azimuthal dimensions of the gap  Azimuthal dimensions of the gap  Azimuthal dimensions of the gap  Azimuthal radius  Card 1/2	× 10	

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	ular proton synchrotron with	B111/B112 59 cm			
Fina Ver	al radius tical dimension of the chamber for the $(x,y)^k$	e initial radius 2 cm	poppers of		
	fficient k for which $H = H_o (r/r_o)^k f($ ld strength in the initial radius	/ 540 Oc			;
Fic	ld strength in the line land	20 -	40 kev		
Cri	tical energy (total)	ru 2 No	· i		10 P
	and energy (total)  frequencies of free particle oscille				
car	a also be used for studying the believe	f the electromagnet is show	n in hamber.		
Fig The	g. 1. A pressure is designed both fe injection system is designed by an electric	or pulsed and continuous of rotating field of 500 cps	and		
600	celeration is effected by A special "s - 25 v per revolution. A special "s 0 v per revolution) serves for improved 2/5/1	ing the electron-day-	ν <sup>λί</sup>		
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Annular proton synchrotron with ...

The pulse, which is excessively increased by the "speed up" process, is reduced by a thyratron circuit. A constant value of k could be attained with a theoretically calculated crangement of the field coils along the ideal orbit. In addition to the principal coils, a coil was placed at the yoke of each sector, by which the influence of the iron resistance was eliminated. k and the azimuthal field distribution were measured with induction coils and a ballistic galvanometer. With a few exceptions, the values of k agreed with theoretical values to within  $\pm 1\%$ . The azimuthal inhomogeneity of the field was nover greater than  $\pm 1\%$ . The position of the magnetic surfaces was det rmined with Permalloy feelers with an error of 0.2 mm. The deviation from the theoretical values was never greater than 0.5 mm. The indication of the beam during the first revolutions (without acceleration) was carried out with screens and coordinate nets in the chamber, and later (with accoleration) with photomultipliers equipped with radially adjustable sets of targets. The measurements showed that the field is strongly affected by the induction and "speed-up" core (e.6., azimuthal inhomogeneity). It was found that under optimum conditions, the upward deviation of the beam from the center of the chamber did not exceed +4 mm, and that the deviation of the equilibrium

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Annular proton synchrotron with ..... B112/161/031/0\*0/01s/015

Sylventry at one and the same point of the magnetic field was \_5 mm per rovolution. It is noted that this model can be used to audy resonances with free oscillations, electron espure into a betatron system, and secumulation of accelerated particles. Yu. A. Chernyshov. A. Grachev and R. N. Pedorov are thenked for assistance. There are 6 figures, table, 9 references: 4 Soviet and 5 non-Soviet. The three nix recent references to English-language publications read as follows: R-f 7.

T. Ohkawa, Rev. Sci. Instr., 29, 108, 1956. Ref. 9: K. M. Terwilliger et al., Rev. Sci. Instr., 28, 402, 1957. Ref. 9: K. M. Terwilliger et al., Rev. Sci. Instr., 29, 987, 1957.

SUBMITTED: Docember 6, 1960

Fig. 1: Cross-sectional view of electromagnet and vacuum chamber. Legand: (1) magnet; (2) chamber; (3) principal coils of magnet; (4) yoke coils.